

CARL MARTIN

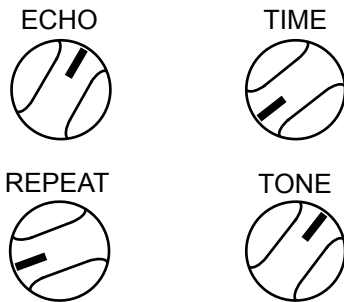
Manual



SAMPLE SETTINGS

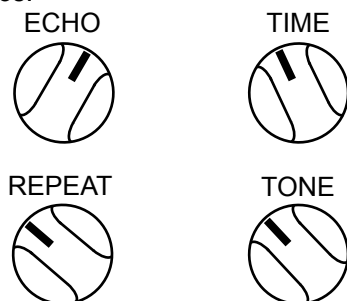
50'S SLAPBACK

To get that percussive 50's slap-back sound, turn up the Echo to somewhere around 12 o'clock, brighten the presence to about the same and maybe add just a touch of Repeat. Great for 50's rock&roll solos, rockabilly and snappy country licks.



WARM VINTAGE ECHO

Set your Echo around 12 o'clock, keep the Tone between 9-11 o'clock for warmth, set the Time about 11 o'clock (250 milliseconds) and the Repeat around 10 o'clock (keeping in mind the tempo of the song). Works well for arpeggiated back-ups and solos.



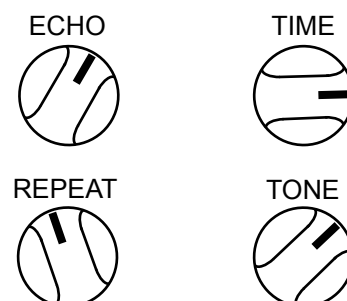
Ah the misunderstood delay/echo....rather than go into the technical description of this effect, let's keep it simple. The Red Repeat is designed to take your guitar signal and repeat it after a given amount of time. The simplest description comes from the Echoplexes and Space Echoes of years ago. If you envision a tape recorder with the recording head and the playback head in line with each other, and the tape (usually a loop of some sort) running....you play a note on your guitar which is recorded onto the tape by the recording head and is then played back by the playback head immediately after. The delay time is determined by how far apart the recording and playback heads are, and by simply adding more playback heads, that original note is played back as often (or repeated) as you have playback heads. Ok, that is oversimplifying the whole thing, but you get the idea.

The Red Repeat takes this old technology and brings it up to modern standards. The Echo control basically determines the amount of this effect, from barely noticeable, to sounding like two guitars playing at once (slap-back). The Tone control changes the presence (EQ) of the echoed signal, leaving your original signal EQ the way you set it up. The Time control adjusts the space between your original signal and the echoed signal from 0 to 600 milliseconds, and finally, the Repeat control determines how many echoes there are from each signal. So again for guitar-players who need it super-simple....the Echo and Time controls tell you how much echo and how much space between echoes....and the Tone and Repeat controls determine the actual presence of the echo and how many echoes there are.

The Red Repeat can be used to fatten up your sound, as an alternative to reverb, to give a very percussive flavor to your playing, all the way to the longest delays which you can play over top of, like a short loop. This type of effect has been used since the 50's, and has helped shape the signature sounds of Les Paul, Chet Atkins, Gene Vincent, Brian Setzer, David Gilmour and countless others, and once you understand the effect, is usually pretty easy to spot in recordings. Remember, Delays can come before or after your distortion pedals, but usually after amplitude (volume) effects.

DRAMATIC ECHO

Set your echo around 12-1 o'clock, brighten up the Tone somewhat, increase the Time to about 3 o'clock and increase the Repeat (again keeping in mind your tempo). Dark and dramatic....very Pink Floyd



Specifications

Input..... 1M Ohm
Output..... 100 Ohm
S/N Ratio..... 62dB
Tone..... High Cut
Delay Time Aprox..... 600Mec.
Dimensions 120 (W) x 95 (D) x 56 (H) mm
4.72" (W) x 3.74" (D) x 2.2" (H)
Weight..... 350g / 0,78lbs

Power Requirements

Battery: The Red Repaet requires a 9V battery. To replace the battery, carefully remove the back panel by loosening and removing the 4 screws, install the new battery and then re-install the back panel.
Power consumption: max. 40 mA 8,5V Min.
Power supply: 9 V DC (regulated), 80 mA minimum, 2.1 mm female plug, center negative (-)
ATTENTION: Please Use DC Power Supply Only!
Failure to do so may damage the unit and void the warranty.

PLEASE NOTE; it is very advisable to avoid the use of batteries, and to use a external regulated power supply.

Warranty: Carl Martin Research warrants the manufacturing, material and proper operation for a period of one year from date of purchase. Carl Martin will replace defective parts, make necessary repairs or replace the unit at the discession of our technicians. The warranty applies only to the original purchaser of this product, and excludes any damage or faulty operation resulting from misuse, neglect or unauthorized service.

Made in China

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